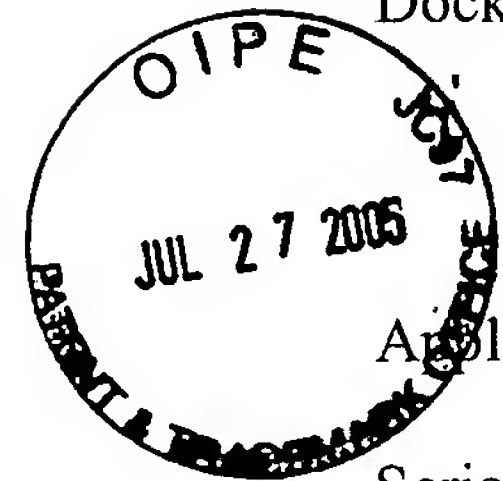


Docket No. 132401-1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hugo G.E. Ingelbrecht

Serial No.: 10/604,311

Filing Date: July 10, 2003

For: ALKYLATION CATALYST AND METHOD FOR)
MAKING ALKYLATED PHENOLS)

)
) Group Art Unit: 1621
)
) Examiner: Michael L. Shippen
)
)
)
)
)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

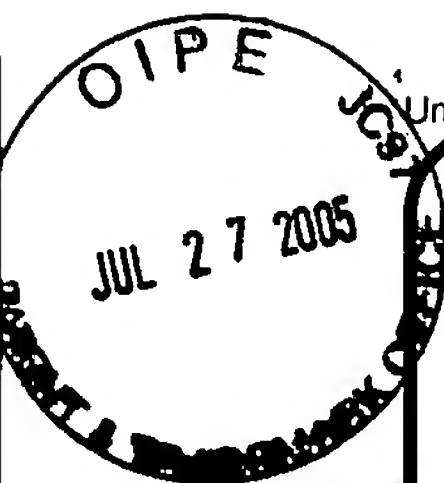
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180.00 OP

By: Patricia S. DeSimone
Patricia S. DeSimone
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Date: July 22, 2005
Customer No.: 23413
Telephone: (860) 286-2929



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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/604,311
				Filing Date	7/10/2003
				First Named Inventor	Hugo G.E. Ingelbrecht
				Art Unit	1621
				Examiner Name	Michael L. Shippen
Sheet	1	of	3	Attorney Docket Number	132401-1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	US- 20030073572	A1	04-17-2003	Parrillo et al.	
	2	US- 20030125586	A1	07-03-2003	Sankarasubbier et al.	
	3	US- 3,306,874		02-28-1967	Hay, Allan S.	
	4	US- 3,306,875		02-28-1967	Hay, Allan S.	
	5	US- 3,962,181		06-08-1976	Sakauchi et al.	
	6	US- 4,083,828		04-11-1978	Olander	
	7	US- 4,361,709		11-30-1982	Kawamata et al.	
	8	US- 4,469,908		09-04-1984	Burress	
	9	US- 4,822,836		04-18-1989	Wroczynski	
	10	US- 4,874,810		10-17-1989	Lee, Jr. et al.	
	11	US- 5,017,655		05-21-1991	Kase et al.	
	12	US- 5,017,656		05-21-1991	Bopp	
	13	US- 5,128,304		07-07-1992	Ito	
	14	US- 5,434,326		07-18-1995	Gajda et al.	
	15	US- 5,563,106		10-08-1996	Binner et al.	
	16	US- 5,795,559		08-18-1998	Pinnavaia et al.	
	17	US- 5,840,271		11-24-1998	Carrazza et al.	
	18	US- 5,874,374		02-23-1999	Ong	
	19	US- 5,902,429		05-11-1999	Apte et al.	
	20	US- 5,985,944		11-16-1999	Ishizaki et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				
	21	EP	438329	A1	07-24-1991	Doussain et al.		
	22	EP	0785180	A2	07-23-1997	Warner et al.		
	23	WO	0138223	A1	05-31-2001	Kaliaguine et al.		

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

3

Complete if Known

Application Number	10/604,311
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Filing Date	7/10/2003
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First Named Inventor	Hugo G.E. Ingelbrecht
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Art Unit	1621
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Examiner Name	Michael L. Shippen
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Attorney Docket Number | 132401-1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	24	US- 5,998,317		12-07-1999	Sterzel	
	25	US- 6,024,899		02-15-2000	Peng et al.	
	26	US- 6,042,763		03-28-2000	Kumaoka	
	27	US- 6,153,547		11-28-2000	Sterzel	
	28	US- 6,187,981	B1	02-13-2001	Marinangeli et al.	
	29	US- 6,218,335	B1	04-17-2001	Okada et al.	
	30	US- 6,340,648	B1	01-22-2002	Imura et al.	
	31	US- 6,379,640	B1	04-30-2002	VerNooy	
	32	US- 6,395,674	B1	05-28-2002	Fung et al.	
	33	US- 6,420,292	B1	07-16-2002	Kumaoka	
	34	US- 6,429,168	B1	08-06-2002	VerNooy	
	35	US- 6,436,861	B1	08-20-2002	Suzuki et al.	
	36	US- 6,448,458	B1	09-10-2002	Marinangeli et al.	
	37	US- 6,455,748	B2	09-24-2002	Janssen et al.	
	38	US- 6,503,863	B2	01-07-2003	Fung et al.	
	39	US- 6,512,029	B1	01-28-2003	Gugumus	
	40	US- 6,541,407	B2	04-01-2003	Beall et al.	
	41	US- 6,541,415	B2	04-01-2003	Vaughn et al.	
	42	US- 6,620,751	B1	09-16-2003	Ogunwumi	
		US-				

FOREIGN PATENT DOCUMENTS

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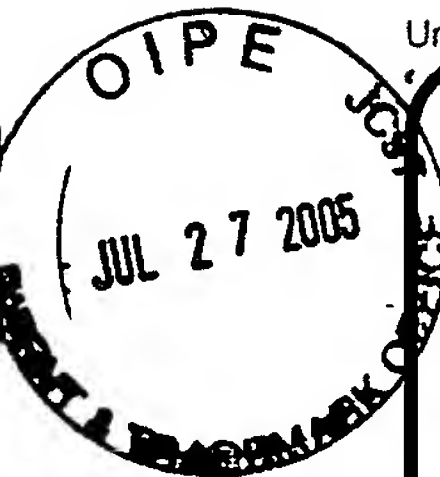
Examiner
Signature

Date	
Considered	

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/604,311
				Filing Date	7/10/2003
				First Named Inventor	Hugo G.E. Ingelbrecht
				Art Unit	1621
				Examiner Name	Michael L. Shippen
Sheet	3	of	3	Attorney Docket Number	132401-1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	43	US- 6,620,908	B2	09-16-2003	Watson et al.	
	44	US- 6,642,164	B2	11-04-2003	Akaishi	
	45	US- 6,649,802	B1	11-18-2003	Frame et al.	
	46	US- 6,657,022	B2	12-02-2003	Williams et al.	
	47	US- 6,667,261	B1	12-23-2003	Anshits et al.	
	48	US- 6,667,274	B1	12-23-2003	Hawley et al.	
	49	US- 6,743,747	B1	06-01-2004	Xu et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				

Examiner Signature		Date Considered	
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)Applicant(s): **HUGO G.E. INGELBRECHT**

Docket No.

132401-1

Application No.

10/604-311

Filing Date

07/10/2003

Examiner

M. L. SHIPPEN

Customer No.

23413

Group Art Unit

1621Invention: **ALKYLATION CATALYST AND METHOD FOR MAKING ALKYLATED PHENOLS**

I hereby certify that this **Transmittal of IDS (1p), IDS 1449 (3ps), cited references (3)**
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Candace H. Buswell

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Candace H. Buswell
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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))					Docket No. 132401-1	
In Re Application Of HUGO G.E. INGELBRECHT						
Application No. 10/604,311	Filing Date 07/10/2003	Examiner M. L. SHIPPEN	Customer No. 23413	Group Art Unit 1621	Confirmation No. 1310	
Title: ALKYLATION CATALYST AND METHOD FOR MAKING ALKYLATED PHENOLS						
<p>Address to:</p> <p>Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>37 CFR 1.97(b)</p> <p>1. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;">37 CFR 1.97(c)</p> <p>2. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="margin-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center; margin-left: 100px;">OR</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>						

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
132401-1

In Re Application of: **HUGO G.E. INGELBRECHT**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/604,311	07/10/2003	M. L. SHIPPEN	23413	1621	1310

Title: **ALKYLATION CATALYST AND METHOD FOR MAKING ALKYLATED PHENOLS**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
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Candace H. Buswell

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Candace H. Buswell

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***This certificate may only be used if paying by deposit account.**

Patricia S. DeSimone

Signature

Dated: July 22, 2005

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CC: